

What is Claimed is:

1. A spectacle set, comprising two lenses and a weldingless bridge, wherein said welding bridge comprises a bridge body having two lens holding arms coupling with two inner sides of said lenses respectively and two functioning arms integrally and rearwardly extended from said bridge body.

2. The spectacle set, as recited in claim 1, further comprising two side extensions rearwardly extended from two outer sides of said lenses respectively and two nose pieces coupling two free ends of said functioning arms respectively, wherein said two functioning arms are respectively formed as two nose supporting arms to support said nose pieces in position such that said weldingless bridge is formed as a primary bridge to support said lenses in position so as to form a primary spectacle.

3. The spectacle set, as recited in claim 2, further comprising a detachable shelter frame detachably mounting in front of said primary spectacle, wherein said detachable shelter frame comprises two shelter lenses and a shelter bridge having two shelter lens holding arms coupling with two inner sides of said shelter lenses respectively and two resilient arms integrally and rearwardly extended from said shelter bridge to engage with said primary spectacle so as to detachably mount said detachable shelter frame in front of said primary spectacle.

4. The spectacle set, as recited in claim 2, wherein said bridge body, having a H-shaped cross section, has two longitudinal grooves formed along two longitudinal side portions respectively to form two elongated arms at each side portion of said bridge body, wherein two corresponding elongated arms of said bridge body are formed as said two lens holding arms to couple with said inner sides of said lenses respectively while another two corresponding elongated arms of said bridge body are rearwardly folded to form as said two nose supporting arms to couple with said nose pieces respectively.

5. The spectacle set, as recited in claim 3, wherein said bridge body, having a H-shaped cross section, has two longitudinal grooves formed along two longitudinal side portions respectively to form two elongated arms at each side portion of said bridge body, wherein two corresponding elongated arms of said bridge body are formed as said two lens holding arms to couple with said inner sides of said lenses respectively while another

two corresponding elongated arms of said bridge body are rearwardly folded to form as said two nose supporting arms to couple with said nose pieces respectively.

6. The spectacle set, as recited in claim 3, wherein said shelter bridge is formed in one integral body that said shelter lens holding arms and said resilient arms are spacedly and sidewardly extended to form said shelter bridge having a H-shaped cross section, wherein said resilient arms are rearwardly bent to ride on said primary bridge of said primary spectacle.

7. The spectacle set, as recited in claim 5, wherein said shelter bridge is formed in one integral body that said shelter lens holding arms and said resilient arms are spacedly and sidewardly extended to form said shelter bridge having a H-shaped cross section, wherein said resilient arms are rearwardly bent to ride on said primary bridge of said primary spectacle.

8. The spectacle set, as recited in claim 2, wherein said two lenses holding arms of said primary bridge are fastened to said inner sides of said lenses respectively to form a rimless frame of said primary spectacle.

9. The spectacle set, as recited in claim 4, wherein said two lenses holding arms of said primary bridge are fastened to said inner sides of said lenses respectively to form a rimless frame of said primary spectacle.

10. The spectacle set, as recited in claim 7, wherein said two lenses holding arms of said primary bridge are fastened to said inner sides of said lenses respectively to form a rimless frame of said primary spectacle.

11. The spectacle set, as recited in claim 3, wherein each of said resilient arms, having a L-shaped, has a riding portion integrally and rearwardly extended from said shelter bridge to ride on said respective lens holding arm of said primary bridge and a holding portion downwardly extended from said riding portion to engage with a rear side of said respective lens holding arm of said primary bridge so as to securely hold said detachable shelter frame in front of said primary spectacle.

12. The spectacle set, as recited in claim 7, wherein each of said resilient arms, having a L-shaped, has a riding portion integrally and rearwardly extended from

said shelter bridge to ride on said respective lens holding arm of said primary bridge and a holding portion downwardly extended from said riding portion to engage with a rear side of said respective lens holding arm of said primary bridge so as to securely hold said detachable shelter frame in front of said primary spectacle.

5           13. The spectacle set, as recited in claim 10, wherein each of said resilient arms, having a L-shaped, has a riding portion integrally and rearwardly extended from said shelter bridge to ride on said respective lens holding arm of said primary bridge and a holding portion downwardly extended from said riding portion to engage with a rear side of said respective lens holding arm of said primary bridge so as to securely hold said detachable shelter frame in front of said primary spectacle.

10           14. The spectacle set, as recited in claim 11, wherein said holding portion of each of said resilient arms has a guiding tip formed at a bottom end to guide said respective resilient arm to slidably engage with said lens holding arm of said primary bridge of said primary spectacle.

15           15. The spectacle set, as recited in claim 12, wherein said holding portion of each of said resilient arms has a guiding tip formed at a bottom end to guide said respective resilient arm to slidably engage with said lens holding arm of said primary bridge of said primary spectacle.

20           16. The spectacle set, as recited in claim 13, wherein said holding portion of each of said resilient arms has a guiding tip formed at a bottom end to guide said respective resilient arm to slidably engage with said lens holding arm of said primary bridge of said primary spectacle.

25           17. The spectacle set, as recited in claim 3, wherein each of said resilient arms, having a L-shaped, has a riding portion integrally and rearwardly extended from said shelter bridge to ride on said respective lens holding arm of said primary bridge and a holding portion downwardly extended from said riding portion to engage with a rear side of said primary spectacle so as to securely hold said detachable shelter frame in front of said primary spectacle.

30           18. The spectacle set, as recited in claim 7, wherein each of said resilient arms, having a L-shaped, has a riding portion integrally and rearwardly extended from

said shelter bridge to ride on said respective lens holding arm of said primary bridge and a holding portion downwardly extended from said riding portion to engage with a rear side of said primary spectacle so as to securely hold said detachable shelter frame in front of said primary spectacle.

5           19. The spectacle set, as recited in claim 10, wherein each of said resilient arms, having a L-shaped, has a riding portion integrally and rearwardly extended from said shelter bridge to ride on said respective lens holding arm of said primary bridge and a holding portion downwardly extended from said riding portion to engage with a rear side of said primary spectacle so as to securely hold said detachable shelter frame in front  
10          of said primary spectacle.

20          20. The spectacle set, as recited in claim 17, wherein said primary bridge has two guiding grooves spacedly formed on an inner side of said primary bridge, wherein said holding portions of said resilient arms are extended to engage with said guiding grooves respectively.

15          21. The spectacle set, as recited in claim 18, wherein said primary bridge has two guiding grooves spacedly formed on an inner side of said primary bridge, wherein said holding portions of said resilient arms are extended to engage with said guiding grooves respectively.

20          22. The spectacle set, as recited in claim 19, wherein said primary bridge has two guiding grooves spacedly formed on an inner side of said primary bridge, wherein said holding portions of said resilient arms are extended to engage with said guiding grooves respectively.

25          23. The spectacle set, as recited in claim 17, wherein said primary bridge has two guiding grooves formed at two inner sides of said lenses, wherein said holding portions of said resilient arms are extended to engage with said guiding grooves respectively.

30          24. The spectacle set, as recited in claim 18, wherein said primary bridge has two guiding grooves formed at two inner sides of said lenses, wherein said holding portions of said resilient arms are extended to engage with said guiding grooves respectively.

25. The spectacle set, as recited in claim 19, wherein said primary bridge has two guiding grooves formed at two inner sides of said lenses, wherein said holding portions of said resilient arms are extended to engage with said guiding grooves respectively.

5        26. The spectacle set, as recited in claim 3, wherein said resilient arms are rearwardly extended from said shelter bridge to rear sides of said lenses respectively for applying a clipping force against said lenses so as to securely mount said detachable shelter frame in front of said primary spectacle.

10      27. The spectacle set, as recited in claim 7, wherein said resilient arms are rearwardly extended from said shelter bridge to rear sides of said lenses respectively for applying a clipping force against said lenses so as to securely mount said detachable shelter frame in front of said primary spectacle.

15      28. The spectacle set, as recited in claim 10, wherein said resilient arms are rearwardly extended from said shelter bridge to rear sides of said lenses respectively for applying a clipping force against said lenses so as to securely mount said detachable shelter frame in front of said primary spectacle.

20      29. The spectacle set, as recited in claim 1, wherein said two lenses are respectively embodied as two shelter lenses and said functioning arms are formed as two resilient arms rearwardly extended from said bridge body to form a detachable shelter frame for detachably mounting in front of a primary spectacle which comprises two primary lenses and a primary bridge extended between said two primary lenses, wherein said resilient arms are adapted for detachably riding on said primary bridge to detachably mount said detachable shelter frame in front of said primary spectacle.

25      30. The spectacle set, as recited in claim 29, wherein said bridge body, having a H-shaped cross section, has two longitudinal grooves formed along two longitudinal side portions respectively to form two elongated arms at each side portion of said bridge body, wherein two corresponding elongated arms of said bridge body are formed as said two lens holding arms to couple with said inner sides of said shelter lenses respectively while another two corresponding elongated arms of said bridge body are rearwardly folded to form as said two resilient arms respectively detachably riding on said primary bridge.

31. The spectacle set, as recited in claim 29, wherein said two lenses holding arms of said bridge body are fastened to said inner sides of said shelter lenses respectively to form a rimless frame of said detachable shelter spectacle.

5       32. The spectacle set, as recited in claim 30, wherein said two lenses holding arms of said bridge body are fastened to said inner sides of said shelter lenses respectively to form a rimless frame of said detachable shelter spectacle.

10      33. The spectacle set, as recited in claim 29, wherein each of said resilient arms, having a L-shaped, has a riding portion integrally and rearwardly extended from said bridge body for riding on said primary bridge and a holding portion downwardly extended from said riding portion for engaging with a rear side of said primary bridge so as to securely hold said detachable shelter frame in front of said primary spectacle.

15      34. The spectacle set, as recited in claim 30, wherein each of said resilient arms, having a L-shaped, has a riding portion integrally and rearwardly extended from said bridge body for riding on said primary bridge and a holding portion downwardly extended from said riding portion for engaging with a rear side of said primary bridge so as to securely hold said detachable shelter frame in front of said primary spectacle.

20      35. The spectacle set, as recited in claim 32, wherein each of said resilient arms, having a L-shaped, has a riding portion integrally and rearwardly extended from said bridge body for riding on said primary bridge and a holding portion downwardly extended from said riding portion for engaging with a rear side of said primary bridge so as to securely hold said detachable shelter frame in front of said primary spectacle.

25      36. The spectacle set, as recited in claim 33, wherein said holding portion of each of said resilient arms has a guiding tip formed at a bottom end to guide said respective resilient arm for slidably engaging with said primary bridge of said primary spectacle.

37. The spectacle set, as recited in claim 34, wherein said holding portion of each of said resilient arms has a guiding tip formed at a bottom end to guide said respective resilient arm for slidably engaging with said primary bridge of said primary spectacle.

38. The spectacle set, as recited in claim 35, wherein said holding portion of each of said resilient arms has a guiding tip formed at a bottom end to guide said respective resilient arm for slidably engaging with said primary bridge of said primary spectacle.

5           39. The spectacle set, as recited in claim 29, wherein each of said resilient arms, having a L-shaped, has a riding portion integrally and rearwardly extended from said bridge body for riding on said primary bridge and a holding portion downwardly extended from said riding portion for respectively engaging two guiding grooves spacedly formed on a rear side of said primary bridge so as to securely hold said  
10 detachable shelter frame in front of said primary spectacle.

15           40. The spectacle set, as recited in claim 30, wherein each of said resilient arms, having a L-shaped, has a riding portion integrally and rearwardly extended from said bridge body for riding on said primary bridge and a holding portion downwardly extended from said riding portion for respectively engaging two guiding grooves spacedly formed on a rear side of said primary bridge so as to securely hold said  
15 detachable shelter frame in front of said primary spectacle.

20           41. The spectacle set, as recited in claim 32, wherein each of said resilient arms, having a L-shaped, has a riding portion integrally and rearwardly extended from said bridge body for riding on said primary bridge and a holding portion downwardly extended from said riding portion for respectively engaging two guiding grooves spacedly formed on a rear side of said primary bridge so as to securely hold said  
20 detachable shelter frame in front of said primary spectacle.

25           42. The spectacle set, as recited in claim 29, wherein each of said resilient arms, having a L-shaped, has a riding portion integrally and rearwardly extended from said bridge body for riding on said primary bridge and a holding portion downwardly extended from said riding portion for respectively engaging two guiding grooves formed on inner sides of said lenses so as to securely hold said detachable shelter frame in front  
25 of said primary spectacle.

30           43. The spectacle set, as recited in claim 30, wherein each of said resilient arms, having a L-shaped, has a riding portion integrally and rearwardly extended from said bridge body for riding on said primary bridge and a holding portion downwardly

extended from said riding portion for respectively engaging two guiding grooves formed on inner sides of said lenses so as to securely hold said detachable shelter frame in front of said primary spectacle.

44. The spectacle set, as recited in claim 32, wherein each of said resilient arms, having a L-shaped, has a riding portion integrally and rearwardly extended from said bridge body for riding on said primary bridge and a holding portion downwardly extended from said riding portion for respectively engaging two guiding grooves formed on inner sides of said lenses so as to securely hold said detachable shelter frame in front of said primary spectacle.

10 45. The spectacle set, as recited in claim 29, wherein said resilient arms are rearwardly extended from said shelter bridge towards rear sides of said lenses respectively for applying a clipping force against said lenses so as to securely mount said detachable shelter frame in front of said primary spectacle.

15 46. The spectacle set, as recited in claim 30, wherein said resilient arms are rearwardly extended from said shelter bridge towards rear sides of said lenses respectively for applying a clipping force against said lenses so as to securely mount said detachable shelter frame in front of said primary spectacle.

20 47. The spectacle set, as recited in claim 32, wherein said resilient arms are rearwardly extended from said shelter bridge towards rear sides of said lenses respectively for applying a clipping force against said lenses so as to securely mount said detachable shelter frame in front of said primary spectacle.